

# "LARMLAGRINGSANEL" BU-211

## AutroPrime Interactive Fire Detection System Product Datasheet

### Features

- Allows control of fire alarms from local alarm areas, normally covering a relatively limited area
- Multiple connection of several panels to the panel bus (a total of 8)
- Displays alarm information relevant to the local alarm area
- Addressable
- Backlight to ensure readability in darkness
- Designed to meet Swedish standard RUS 110.6, SS3654

### Application/Description

The "Larmlagringspanel" BU-211 allows control of fire alarms from a detection zone or a small collection of detection zones.

Only alarms from Detection Zones within the scope of a specific "Larmlagringspanel" will be shown in the display.

The Fire Alarm Control Panel in an AutroPrime system can be configured to operate with small local alarm areas which allows the system to function in a delayed coincidence alarm mode (based on two configurable timers T1 and T2). This gives a local user of the "Larmlagringspanel" time to investigate a warning before either cancelling the possible alarm condition (if a false alarm) or to allow the user to immediately call the Fire Brigade and activate alarms.

If the timers elapse or additional alarms are initiated, all panels in the system (not only in the local alarm area) will then control and monitor the alarm situation and the Fire Brigade will be notified.

### Indicators

- Alarm (pulsing/steady)
- Accept Alarm (steady-alarm delayed)
- Remote Call Sent (steady)
- In Operation (steady)

### Buttons

- Accept
- Reset
- Lamp test

### Internal local buzzer

The internal local buzzer gives a pulsing signal when an alarm is signalled. The buzzer is silenced when the accept key is pressed or when the unit returns to the normal state after or by timeout.



### Operation/Functionality

In the event of an alarm, the exact alarm location will be presented on the panel's display, and the T1 timer (delay period) will start and begin to count down.

- **If the user does not operate the panel and the T1 timer elapses**, Fire Alarm Devices and Fire Alarm Routing Equipment will be activated.

The alarm indicator will pulse and the internal buzzer will be activated while waiting for operation or for the T1 to elapse.

- **If the user presses the Accept button within the T1 timer window**, the T2 timer will start and will begin to count down.

The alarm indicator will stop pulsing, the Accept indicator will be switched on, and the buzzer will stop sounding. The Reset key will become active, and the Accept key will become inactive.

- **If the user does not operate the panel and the T1 or T2 timer elapses, or another alarm is initiated**, a remote call will be sent to, for example, the fire brigade (Fire Alarm Devices and Fire Alarm Routing Equipment will be activated).

The local buzzer will stop sounding, the presentation of timer T1 and T2 will be removed. The accept indicator will be switched off. The buttons Accept and Reset will be blocked. The Remote Call Sent indicator will be illuminated.

- **If Reset is pressed within the T2 timer window** Alarms both inside and outside the scope of the "Larmlagringspanel" will be reset.

The alarm indicator will be turned off. The local buzzer will stop sounding, and the Accept indicator will be switched off.

Technical specifications	
Dimensions (mm)	HxWxD 154 x 310 x 45
Weight	0,7 kg
Materials	ABS/PC moulded front
Mounting	Surface
Protection class	IEC 529 / IP32
Supply Voltage	18/32 VDC
Operating temperature	- 15°C to + 70°C
Storage temperature	- 40°C to + 70°C
Humidity non-condensing	Maximum 95% RH
Current consumption	30mA at 27VDC, 300mA at lamp test (5 seconds during start-up)
Communication	RS-485 Panel Bus (redundant power bus)
Cable dimensions (mm)	Maximum 8mm Ø

Part number	Description
116-BU-211	"Larmlagringspanel"
116-UD-732	Wallmount bracket

**Panel Bus Connection (connector J13 and J14)**

J14							J13						
+24V in1	0V in1	+24V in2	0V in2	A1	B1	GND	+24V in1	0V in1	+24V in2	0V in2	A2	B2	GND
Panel Bus In							Panel Bus Out						

**Switch Setting**

The rotary switch on the rear side of the panel (on the left side of the connector J13 and J14) is used to address the panel (1-9).

For further information on the installation, connections and settings, refer to the AutoPrime Installation Handbook.

**Panels interconnected on the RS-485 Panel Bus**

